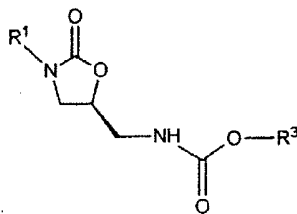
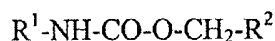


substituent, alone or in combination with a 4-methylsulfonyl, 4-methylthio, 4-methylsulfinyl, 4-sulfamyl, 4-isopropyl, 4-(C<sub>1</sub>-C<sub>3</sub>alkyl)carbonyl, 4-ethyl, 4-(1-hydroxyethyl), or 4-acetyloxyacetyl substituent.

32. (Amended) A method of preparing an (S)-oxazolidinone having a general structural formula:

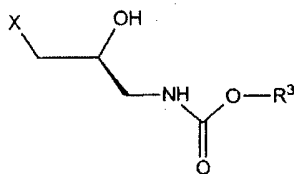


wherein R<sup>3</sup> is C<sub>1</sub>-C<sub>10</sub> alkyl, and R<sup>1</sup> is optionally substituted aryl, or a salt or hydrate thereof, comprising contacting a carbamate having a general structural formula:



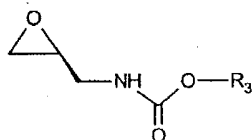
wherein R<sup>2</sup> is selected from the group consisting of C<sub>1</sub>-C<sub>20</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, phenyl optionally substituted with one or two C<sub>1</sub>-C<sub>3</sub> alkyl or halogen groups, allyl, 3-methylallyl, 3,3-dimethylallyl, vinyl, styrylmethyl, benzyl optionally substituted on the phenyl with one or two Cl, C<sub>1</sub>-C<sub>4</sub> alkyl, nitro, cyano, or trifluoromethyl groups, 9-fluorenylmethyl, trichloromethylmethyl, 2-trimethylsilylethyl, phenylethyl, 1-adamantyl, diphenylmethyl, 1,1-dimethylpropargyl, and isobornyl, or a salt or hydrate thereof, with

i) a secondary alcohol having a general structural formula:

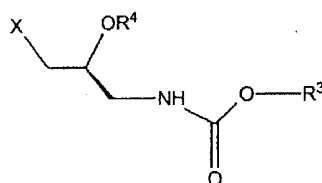


wherein X is halogen, alkylsulfonyloxy, or arylsulfonyloxy, or a salt or hydrate thereof;

ii) an (S)-epoxide having a general structural formula:

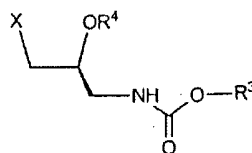


or iii) an (S)-ester having a general structural formula:



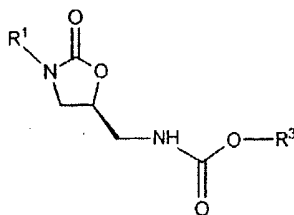
wherein  $R^4$  is  $C_1$ - $C_5$  alkylcarbonyl; in the presence of a lithium cation and a base whose conjugate acid has a  $pK_a$  of greater than about 8.

57. (Amended) A compound having a the S-configuration of general structural formula:

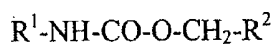


wherein  $R^3$  is  $C_1$ - $C_{10}$  alkyl,  $R^4$  is hydrogen or  $C_1$ - $C_5$  alkylcarbonyl, X is halogen, alkylsulfonyloxy, arylsulfonyloxy, or taken together with  $OR^4$  to form an epoxide.

58. (Amended) A method of preparing an (S)-oxazolidinone having a general structural formula:

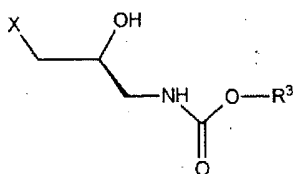


wherein  $R^3$  is  $C_1$ - $C_{10}$  alkyl, and  $R^1$  is optionally substituted aryl, or a salt or hydrate thereof, comprising contacting a carbamate having a general structural formula:

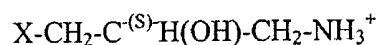


wherein  $R^2$  is selected from the group consisting of  $C_1$ - $C_{20}$  alkyl,  $C_3$ - $C_7$  cycloalkyl, phenyl optionally substituted with one or two  $C_1$ - $C_3$  alkyl or halogen groups, allyl, 3-methylallyl, 3,3-dimethylallyl, vinyl, styrylmethyl, benzyl optionally substituted on the phenyl with one or two Cl,  $C_1$ - $C_4$  alkyl, nitro, cyano, or trifluoromethyl groups, 9-fluorenylmethyl, trichloromethylmethyl, 2-trimethylsilylethyl, phenylethyl, 1-adamantyl, diphenylmethyl, 1,1-dimethylpropargyl, and isobornyl, or a salt or hydrate thereof, with

i) a secondary alcohol having a general structural formula:

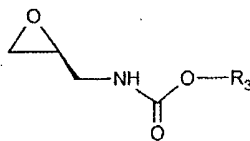


wherein X is halogen, alkylsulfonyloxy, or arylsulfonyloxy, or a salt or hydrate thereof made by the process comprising contacting an (S)-3-carbon amino alcohol having a general structural formula:

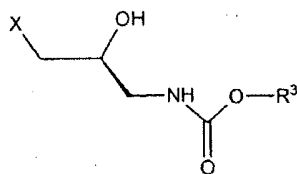


with a base and an carbonylating agent selected from the group consisting of a haloformate having a formula  $R^3O-CO-X$  and a dialkyldicarbonate having a formula  $R^3OCO_2R^3$ ;

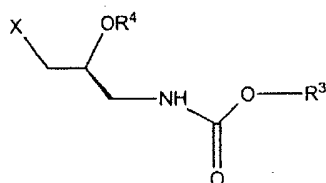
ii) an (S)-epoxide having a general structural formula:



made by the process comprising contacting an (S)-secondary alcohol having a general structural formula:

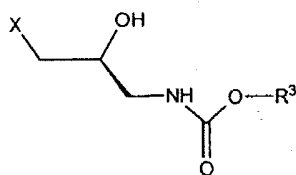


with a base and an acylating agent selected from the group consisting of an acid anhydride having a formula  $O(R^4)_2$ , and an activated acid having a formula  $R^4X$ ; or iii) an (S)-ester having a general structural formula:



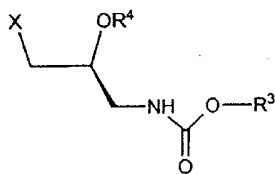
wherein  $R^4$  is  $C_1$ - $C_5$  alkylcarbonyl made by the process comprising contacting

a) an (S)-secondary alcohol having a general structural formula:



wherein X is a halogen, alkylsulfonyloxy, or arylsulfonyloxy; or

b) an (S)-ester having a general structural formula:



wherein  $R^4$  is  $C_1$ - $C_5$  alkylcarbonyl, with a lithium cation and a base whose conjugate acid has a pKa of greater than about 8;

in the presence of a lithium cation and a base whose conjugate acid has a pKa of greater than about 8.